

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/002666

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04L12/28 H04L12/56 H04B7/005

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00/77949 A (TIME DOMAIN CORP) 21 December 2000 (2000-12-21)	1, 10, 20
Y	abstract page 1, line 8 - line 10 page 4, line 2 - line 23 page 26, line 6 - line 19 page 27, line 14 - line 17 page 28, line 20 - line 25 page 35, line 32 - page 36, line 19 page 37, line 11 - line 15 figures 9, 11-13, 18, 19 ----- -/--	2-9, 11-19

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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Date of the actual completion of the international search

1 December 2004

Date of mailing of the international search report

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y A	US 2002/104044 A1 (QUINN LIAM B ET AL) 1 August 2002 (2002-08-01)  abstract paragraphs 0004-0007; paragraphs 0018-0024 figures	1,10,20  4,5,13, 14 3,4,7-9, 11,12, 15-19
X Y	WO 00/25444 A (HULBERT ANTHONY PETER ; ROKE MANOR RESEARCH (GB)) 4 May 2000 (2000-05-04)  abstract page 3, line 11 - line 19 claim 1 figure 3	1,10,20  3,12
X Y	EP 1 326 349 A (SIEMENS AG) 9 July 2003 (2003-07-09)  abstract paragraph 0011	1,10,20  6,15,16
Y	WO 01/86826 A (MOTOROLA INC) 15 November 2001 (2001-11-15) page 2, line 11 - line 18 page 5, line 23 - line 34 page 6, line 2 - page 7, line 24 figures 4-9	7-9, 17-19
Y	US 2003/109274 A1 (DAS ARNAB ET AL) 12 June 2003 (2003-06-12) abstract paragraph 0015; paragraphs 0039-0051	2,11

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Information on patent family members

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